

What is claimed as new and what is desired to secure by Letters Patent of the United States is:

1. A refrigeration system for cooling food and comprising:
  - a housing including a plurality of rails secured therein and spaced apart from each other;
  - a plurality of pans removably positionable along said plurality of rails respectively and for storing water and food therein; and
  - a water chilling system disposed within said housing and including
    - a compressor,
    - a water reservoir including a cooling coil disposed therein and connected to said compressor for chilling water disposed within said reservoir,
    - a plurality of pipes having opposed end portions disposed inside and outside said water reservoir respectively, said plurality of pipes cooperating with each other for channeling chilled water out of said reservoir and warm water into said reservoir,
    - a pump disposed within said reservoir and connected to one said plurality of pipes for pumping chilled water outwardly and away from said reservoir,
    - a plurality of tubes having opposed end portions connected to said plurality of pipes and for channeling water away from and towards said plurality of pipes, and
    - a plurality of coils selectively positionable within said pans and having opposed end portions connected to said plurality of tubes and for directing chilled water into said plurality of pans for cooling the water and food products disposed therein.
2. The refrigeration system of claim 1, further comprising a plurality of clamps attachable to said plurality of tubes and for selectively controlling water flow therethrough respectively.

3. The refrigeration system of claim 1, further comprising a plurality of thermometers connectable to said plurality of pans and for displaying a temperature thereof respectively.

4. The refrigeration system of claim 1, further comprising a plurality of casters securable to said housing and for allowing same to be easily transported.

5. The refrigeration system of claim 1, wherein said one pipe is disposed adjacent said cooling coil for pumping chilled water out of said reservoir and another said plurality of pipes is disposed above said cooling coil for dispensing warm return water into said reservoir.

6. The refrigeration system of claim 1, wherein said plurality of coils have substantially serpentine shapes.

7. The refrigeration system of claim 1, wherein said plurality of pipes are formed from stainless steel.

8. A refrigeration system for cooling food and comprising:  
a housing including a plurality of rails secured therein and spaced apart from each other;  
a plurality of pans removably positionable along said plurality of rails respectively and for cooling food therein;  
a water chilling system disposed within said housing and including  
    a compressor,  
    a water reservoir including a cooling coil disposed therein and connected to said compressor for chilling water disposed within said reservoir,  
    a plurality of pipes having opposed end portions disposed inside and outside said water reservoir respectively, said plurality of pipes cooperating with each other for channeling chilled water out of said reservoir and warm water into said reservoir,

a pump disposed within said reservoir and connected to one said plurality of pipes for pumping chilled water outwardly and away from said reservoir,

a plurality of tubes having opposed end portions connected to said plurality of pipes and for channeling water away from and towards said plurality of pipes, and

a plurality of coils selectively positionable within said pans and having opposed end portions connected to said plurality of tubes and for directing chilled water into said plurality of pans for cooling the water and food products disposed therein; and

a plurality of clamps attachable to said plurality of tubes and for selectively controlling water flow therethrough respectively.

9. The refrigeration system of claim 8, further comprising a plurality of thermometers connectable to said plurality of pans and for displaying a temperature thereof respectively.

10. The refrigeration system of claim 8, further comprising a plurality of casters securable to said housing and for allowing same to be easily transported.

11. The refrigeration system of claim 8, wherein said one pipe is disposed adjacent said cooling coil for pumping chilled water out of said reservoir and another said plurality of pipes is disposed above said cooling coil for dispensing warm return water into said reservoir.

12. The refrigeration system of claim 8, wherein said plurality of coils have substantially serpentine shapes.

13. The refrigeration system of claim 8, wherein said plurality of pipes are formed from stainless steel.

14. A refrigeration system for cooling food and comprising:

a housing including a plurality of rails secured therein and spaced apart from each other;

a plurality of pans removably positionable along said plurality of rails respectively and for cooling food therein;

a water chilling system disposed within said housing and including

a compressor,

a water reservoir including a cooling coil disposed therein and connected to said compressor for chilling water disposed within said reservoir,

a plurality of pipes having opposed end portions disposed inside and outside said water reservoir respectively, said plurality of pipes cooperating with each other for channeling chilled water out of said reservoir and warm water into said reservoir,

a pump disposed within said reservoir and connected to one said plurality of pipes for pumping chilled water outwardly and away from said reservoir,

a plurality of tubes having opposed end portions connected to said plurality of pipes and for channeling water away from and towards said plurality of pipes, and

a plurality of coils selectively positionable within said pans and having opposed end portions connected to said plurality of tubes and for directing chilled water into said plurality of pans for cooling the water and food products disposed therein;

a plurality of clamps attachable to said plurality of tubes and for selectively controlling water flow therethrough respectively; and

a plurality of thermometers connectable to said plurality of pans and for displaying a temperature thereof respectively.

15. The refrigeration system of claim 14, further comprising a plurality of casters securable to said housing and for allowing same to be easily transported.

16. The refrigeration system of claim 14, wherein said one pipe is disposed adjacent said cooling coil for pumping chilled water out of said reservoir and another

said plurality of pipes is disposed above said cooling coil for dispensing warm return water into said reservoir.

17. The refrigeration system of claim 14, wherein said plurality of coils have substantially serpentine shapes.

18. The refrigeration system of claim 14, wherein said plurality of pipes are formed from stainless steel.